

ABSTRACT

A signal transformer having a primary limb (1) and a first secondary limb (4) is specified, a primary winding (2) at least partly enclosing the primary limb (1) and a secondary winding (6) at least partly enclosing the first secondary limb (4) and the primary limb (1) being connected to the first secondary limb (4). Furthermore, $2n+1$ additional secondary limbs (5) are provided, where $n = 0, 1, 2, 3, \dots$, and the additional secondary limbs (5) are connected to the primary limb (1) and the first secondary limb (4). At least one secondary winding (6) is in each case provided for the additional secondary limbs (5) and for the first secondary limb (4), the secondary winding (6) at least partly enclosing the respective secondary limb (4, 5). Moreover, a control winding (3) is provided for each secondary limb (4, 5), said control winding at least partly enclosing the respective secondary limb (4, 5). Furthermore, a method for operating such a signal transformer and a driver circuit having such a signal transformer are specified.

Figure 1